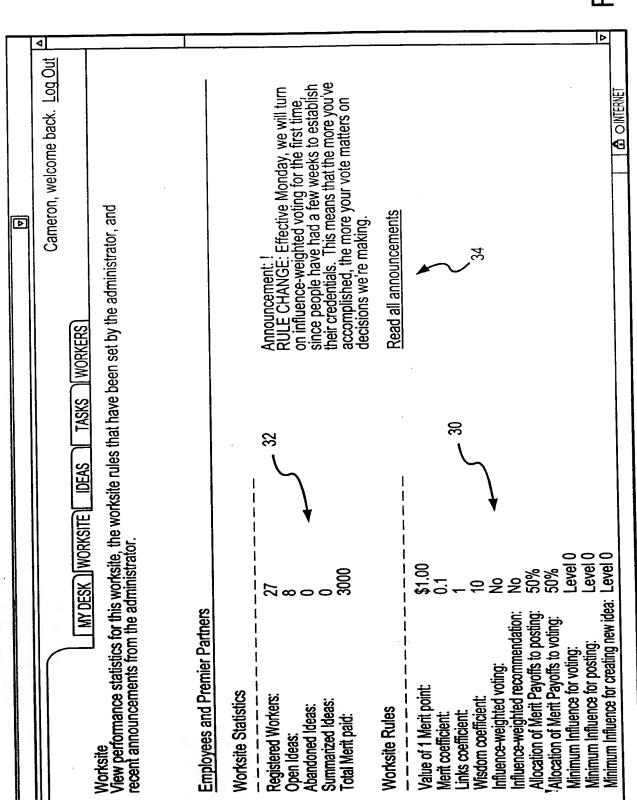


FIG.2

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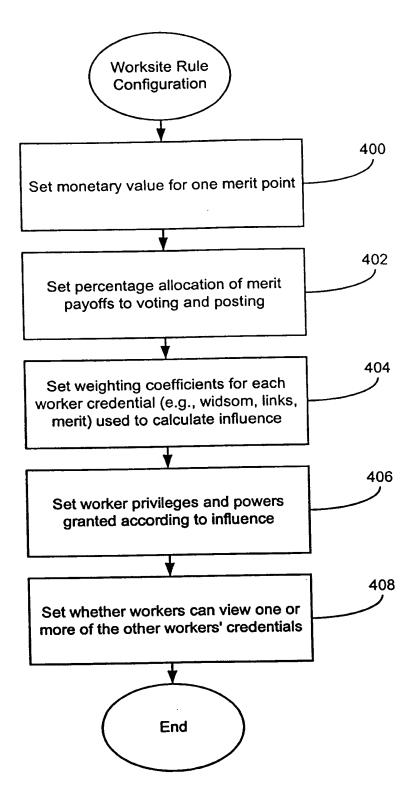


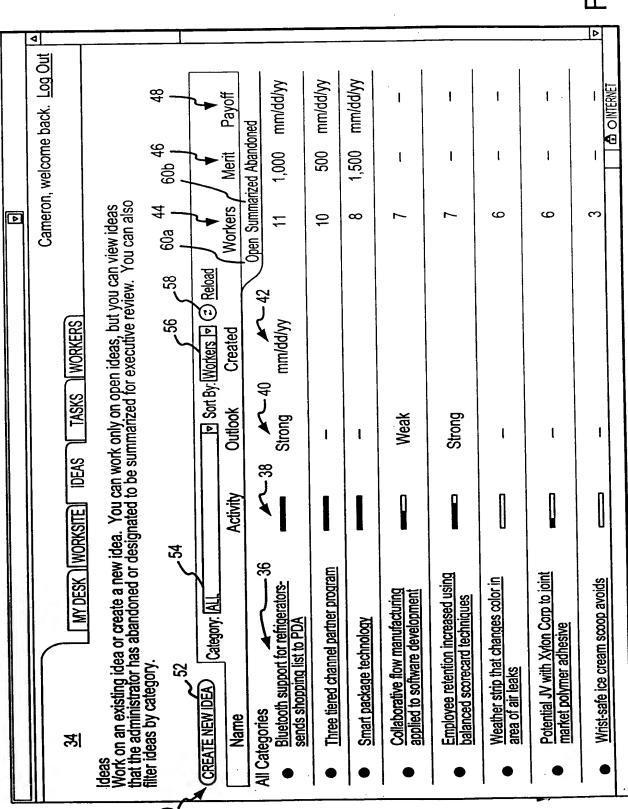
FIG.4

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2



Sandra U. submitted Wednesday, mm/ddby 10:51:07 PM. Manufactures are supported by the responsibility of the support of the sup Cameron, welcome back. Log Out No conclusion yet What should happen to this idea? View idea details O INTERNE OSummarize it IDEA STATUS > Open YOUR VOTE +3 +2 +1 0 -OAbandon it YOUR CREDIT SUBMIT View the discussion of an idea. To contribute to the discussion, click on the heading of the post that interests you. You can post, vote on other workers' posts, and recommend an overall outcome for this idea. The per-unit cost of goods of such a system aren't quire where we want it to be, yet, but with Moore's Law being what it is, we should get there within three years, Now's the time to start some field test, so that we're ready to roll Smart Packages out broadly by 2004. Everyone has by now heard about the Smart Package technology we're looking into. Here's how it works. Small chips are attached to retail consumer product packaging. When a consumer picks up, say, a tube of toothpaste, a signal is sent to the store shelf, which contains printed circuit boards. (if the consumer puts it back on the shelf, that's recorded too). All transactions are sent to an in-store computer and then batch uploaded to our data center. +3 +2 +1 0 -1 © • • • • YOUR VOTE ☑ Save these settings Retailers are missing 10-20% of sales because of inventory management problems TASKS | WORKERS Geload O □ c⇒ Subscribe by Email-You will receive new posts to this discussion by email Submitted Tuesday, mm/dd/yy, 12:15:27 PM MY DESK | | WORKSITE | | IDEAS | Filter. 10% | 🗗 Root Opportunity | Post Credit=40.63% | Votes=6 P Sort By: Thread Smart package technology Post Credit=21.88% | Votes=4 Þ Elizabeth A. 띦 View: Full every hour. deas>> 졍 99



No conclusion yet View idea details O OINTERNE Sandra LL. submitted Wednesday, mm/dd/yy 10:51:07 PM
Manufacturers and retailers both expend a lot of effort trying to get the right products to the right place at the right time. However, according to our own analysis, even the retailers who do the best job managing their inventory lose about 11% of sales because an item is not on the shelf when a consumer goes to look for it. I've attached a pivot table that shows the magnitude of the problem for each of our North American retailers. +3 +2 +1 0 -1 Yes, and this problem is even worse on the weekends, when shoppers are emptying store shelves and the delivery trucks aren't arriving with fresh supplies. Guys, this just isn't going to work. It's not even worth trying! It's just another solution looking for a problem... from those propeller heads in the Supply Chain group. I've been working with retail for 30 years now, and I should know, nobody's going to swallow this program. +3 +2 +1 0 -1 70 -+3 +2 +1 0 -1 YOUR VOTE **VOTE HERE** YOUR VOTE YOUR VOT (SUBMIT) ፟ he per-unit cost of goods of such a system aren't quire where we want it to be, yet, but with Moore's Law being whaf it is, we should get there within three years, Now's the time to start some field test, so that we're ready to 99 Save these settings Retailers are missing 10-20% of sales because of inventory management problems Anonymous Poster submitted Wednesday, mm/dd/yy 10:56:14 PM Filter: 0% 1 O Reload 68 ☐ Subscribe by Email-You will receive new posts to this discussion by email Potato chips are the only chips we're ever gonna see on retail shelves The problem is even worse on the weekends! We have a retailer in Atlanta who wants to pilot this technology Lupe Z. Submitted Thursday, mm/dd/yy 11:01:08 AM Facts | Post Credit=3.13% | Votes=4 Þ Challenges | Post Credit=0.00% | Votes=3 roll Smart Packages out broadly by 2004 Attachment: Retailer Inventory Mgmt. xis Sort By: Thread Post Credit=21.88% | Votes=4 Þ View: Full 62 CONT.

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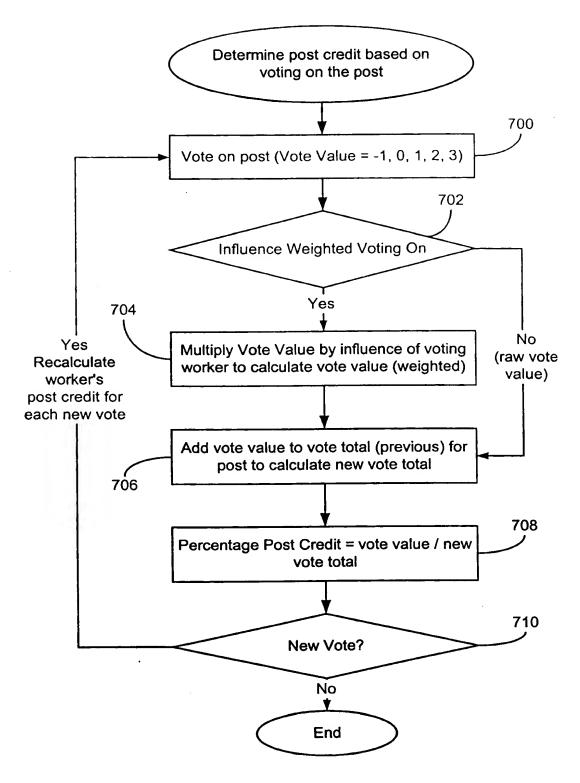


FIG.7

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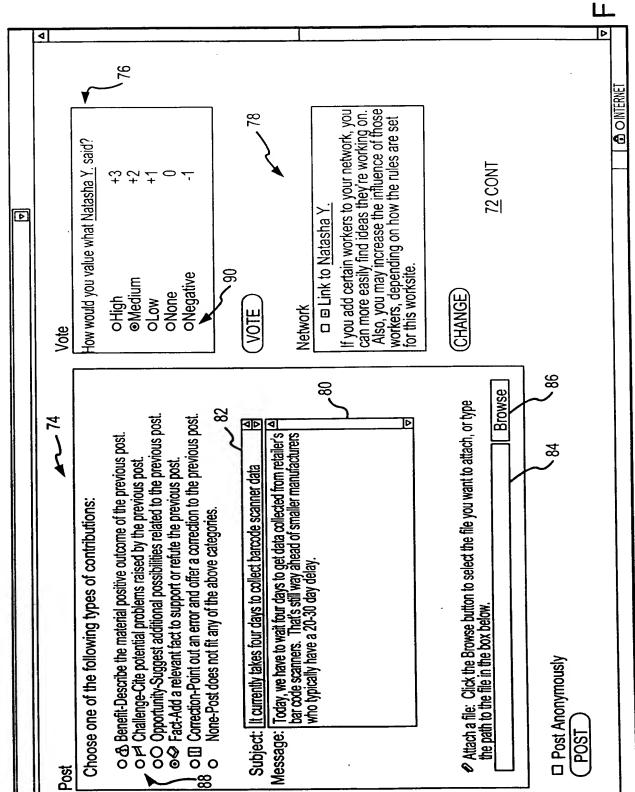
9/20

Cameron, welcome back. Log Out As you know, we're carrying \$2.5 billion in inventory at any given time, with a 60 day turnover. With more accurate, real-time forecasting, we could cut the tumover time in half, freeing up \$1.25 billion in additional capital for the company. This is very strong support of our "Lean and Mean 2002" global supply chain initiative. O INTERNE 9/ How would you value what Natasha Y. said? □ □ Link to Natasha Y ᡌ ONegative oHigh ⊚Medium ONone olow Network VOTE WORKERS Vote TASKS Submitted Thursday, mm/dd/yy 11:15:49 AM OO Opportunity-Suggest additional possibilities related to the previous post.
O◆ Fact-Add a relevant fact to support or refute the previous post.
OⅢ Correction-Point out an error and offer a correction to the previous post. 40 O ⚠ Benefit-Describe the material positive outcome of the previous post.
O ⋈ Challenge-Cite potential problems raised by the previous post. DEAS Smart Package technology could cut our inventory in half Choose one of the following types of contributions. MY DESK | WORKSITE None-Post does not fit any of the above categories. Benefits | Post Credit=29.41% | Votes=4 Smart package technology 2 Subject: Natasha Y. Message: Ideas>> Post

a Self-Organizing Workford Inventors: Daniel F. Williams Appln. No. 09/944,324

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FIG.8B





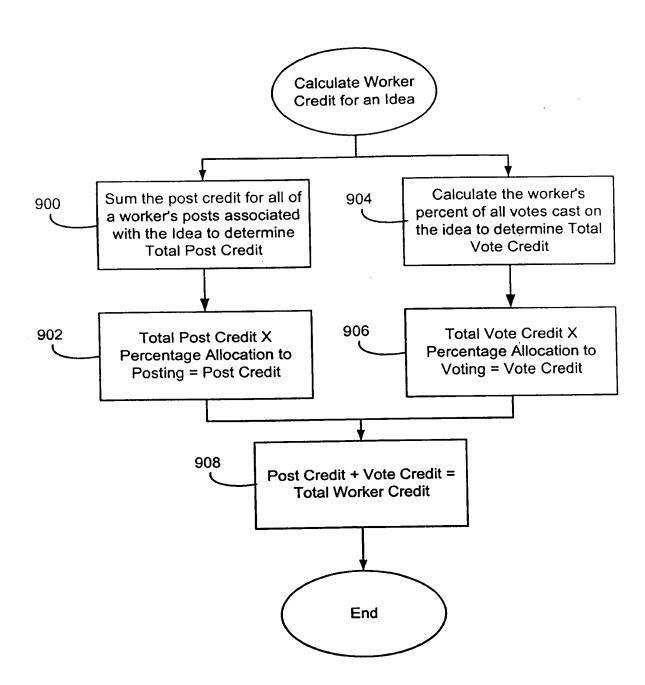


FIG.9

titie: Metnod, Apparatus, and Manufacture for Facilitating a Self-Organizing Workfor Inventors: Daniel F. Williams

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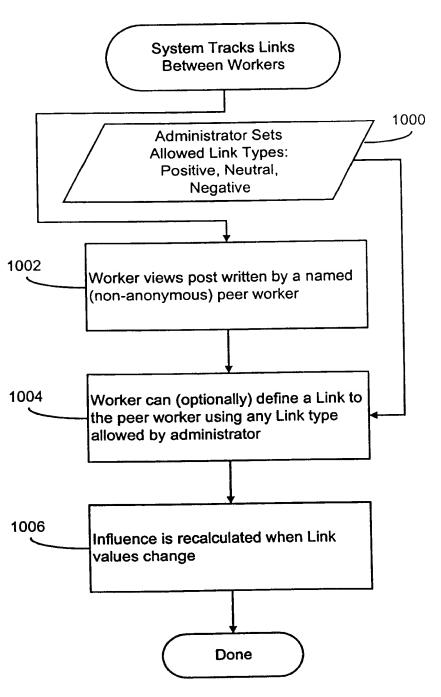


FIG.10

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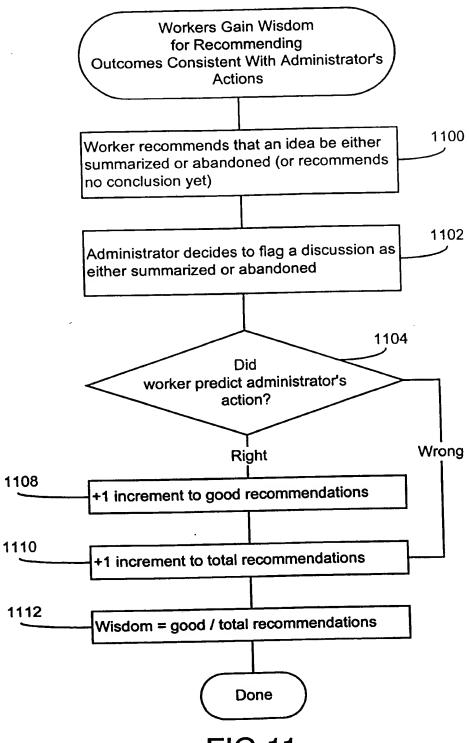


FIG.11



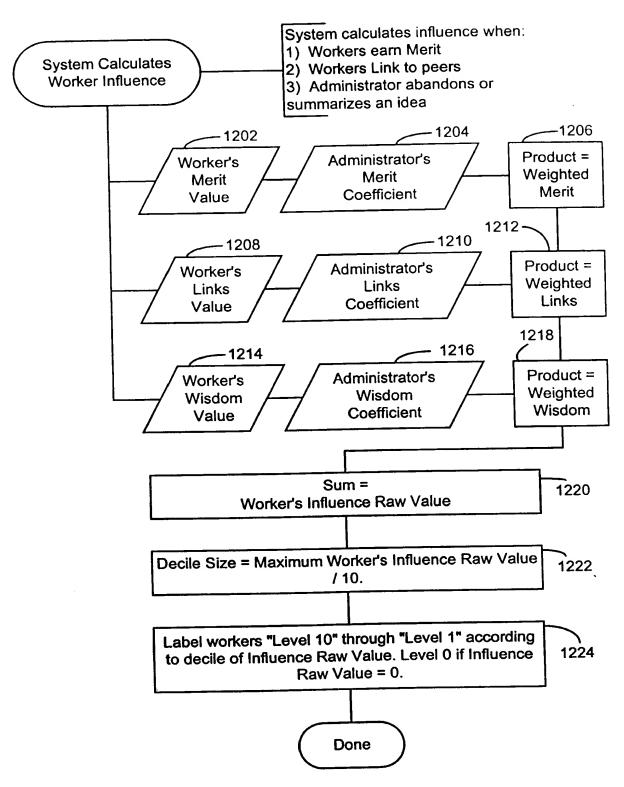


FIG.12

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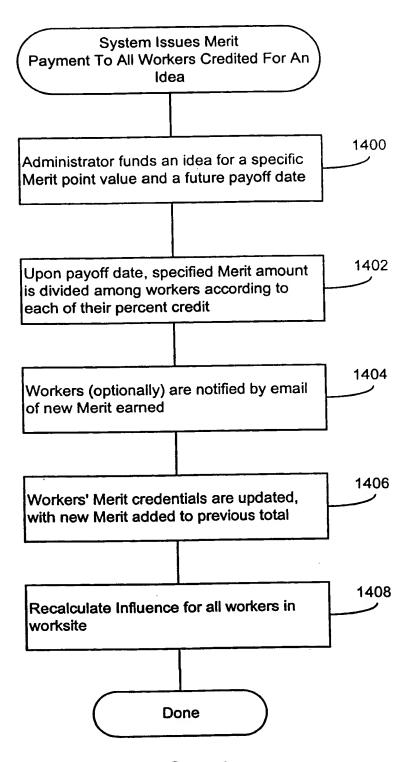
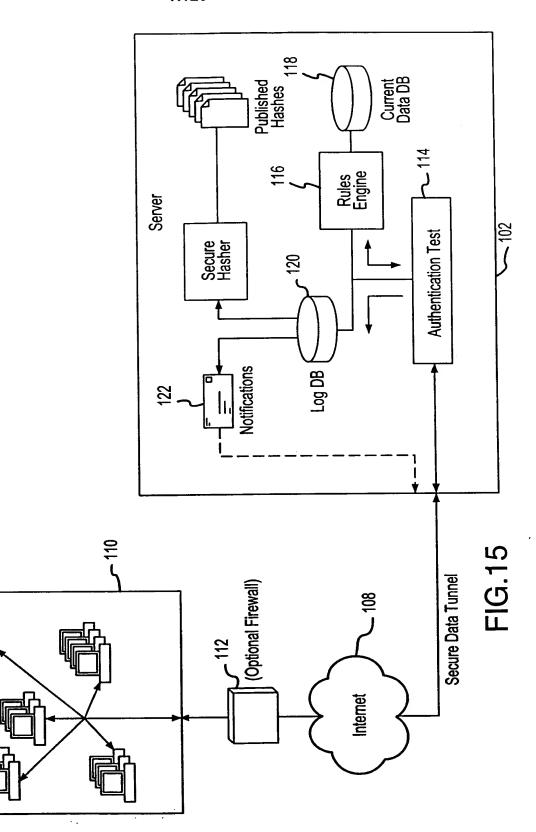


FIG.14



Client Corporate Network



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Inventors: Daniel F. Williams
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